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MONTANA FOREST PRODUCTS BULLETIN

UTILIZATION AND MARKETING

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GARY G. BROWN, State Forester

PAUL MOORE, Editor

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LOGGED AREA ANALYSIS

For a number of years the U.S. Forest Service, State and Private Forestry branch has made available to the public, a computer aided program called "Logged Area Analysis." The program measures the amount and type of residue left on the ground after logging and identifies merchantable material and potentially merchantable material.

In the past the field data was processed at the Fort Collins Computer Center. This created delays and some added expense. The program is now available for individuals and companies that have computers that use the MS-DOS operating system and have the Lotus 1-2-3 spreadsheet program.

Field data may be obtained on downed material of almost any desired size and type, (i.e., merchantable, non-merchantable, cull, tops, limbs, sawlogs, pulpwood, etc.). Output data is displayed in cubic feet and tons per acre by size, class, species, source and percent of total.

Input data for all downed material is obtained through the use of the line intersect method. The line intersect method is not a new technique. It has been widely used by researchers and program managers throughout the nation as well as Canada and New Zealand.

Some reasons for doing a logged area analysis are:

1. Provides a means for measuring the level of utilization based on current standards.
2. Provides data on how much residue is being left in the woods that could be used if appropriate markets were developed.
3. Provides the logging operator a supervisory tool.
4. Provides data to use as an indicator of fire hazard levels.
5. Provides the user with information that can be used to make forest management decisions.

The objective of the logged area analysis activity is to conserve timber resources by informing landowners, land managers, logging operators and processors of opportunities for reducing logging residue through better utilization.

For more information contact: Vernon Meyer, USDA-Forest Service, P.O. Box 7669, Missoula, Montana 59807, phone (406) 329-3388.

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NEW PRODUCTION AND SALES RECORD SET IN 1987

Montana forest products plants set new production and sales records in 1987 according to Charles E. Keegan, Director of Forest Products Research, University of Montana. State-wide lumber production during 1987 was an estimated 1,662 million board feet, the highest State-wide output year on record. Plywood production totaled 713 million square feet, 28 million square feet above the previous record set in 1978. The estimated sales totals for 1987 was $930 million dollars. Keegan attributed the increase in production and sales to record U.S. consumption, exports and the tariff on Canadian lumber shipped into the United States.

FELLING TECHNIQUES FOR PROFESSIONAL LOGGERS (A VIDEO PRODUCTION)

A videotape production titled "Tree Felling Techniques for Professional Loggers" has recently been produced in a joint effort by Clemson and North Carolina State Universities. The half-inch, VHS video is based on chainsaw techniques developed and taught by Soren Erikson throughout North America and the world. Safe and productive chainsaw use is emphasized.

This educational tape begins with the basic principals of developing a tree felling pattern to increase production. The felling of individual trees is discussed in detail. In addition, personal safety equipment, safe operating practices and equipment maintenance are emphasized.

To obtain a copy of this tape contact Jerry G. Rodgers, Media Editor, Agricultural Communications, Box 7603, North Carolina State University, Raleigh, North Carolina 27695-7603 (cost: $25.00).

FIREWOOD FOR HOME HEATING VIDEO AVAILABLE

This 15 minute videotape explains the advantages and disadvantages of wood heat. Potential wood users can use this tape to help decide whether to heat with wood and whether to gather or buy firewood. Topics covered include firewood measurement, splitting, heat content, specie differences, moisture content and drying, storage, tools and safety.

The tape is available in VHS and 3/4-inch formats and costs $25.00. For additional information, or to order, write to: Firewood Videotape, c/o Ellen Mayer, 103 Agricultural Communications Building, University of Nebraska, Lincoln, Nebraska 68583-0918.

MONTANA LOG PRICE REPORT

The State-wide log price report on the following page catalogs recently delivered average log prices to sawmills by species using four geographical areas within Montana. Prices are provided by approximately 35 sawmills operating within the State. The report is compiled through the Extension Forester's Office, School of Forestry, University of Montana, Missoula, Montana 59812.

MONTANA SAWLOG AND VENEER LOG PRICE REPORT

MARCH-APRIL 1988

The following information is a summary breakdown of recent past average prices reportedly paid by primary wood processors for logs of the various species listed. These prices are not necessarily a reflection of current market prices. Fair market prices may vary a great deal based on log size, length, quality, contract size and terms, and a number of other factors. All information reported is recent average price per thousand board feet (MBF), Scribner Decimal rule, delivered to the mill site, unless otherwise noted.

Prices provided for this report by individual firms are treated as confidential disclosure of the firm's operations. Any requests for mill-specific data which have been provided for the log report will be denied.

SAWLOGS Scribner Dec C MBF	REGION I	*	REGION II	*	REGION III	*	REGION IV	*
	Avg. Low High		Avg. Low High		Avg. Low High		Avg. Low High	
Ponderosa pine	$120/$110/$130	F/P	$165/$150/$180	F			$145/$145/$145	G
(Yellow)	$122/$105/$140	F/P	$211/$150/$250	G	$210/$180/$270	G/F		
(Bull)	$105/$100/$110	F/P	$149/$135/$170	G/P	$144/$120/$175	G/P	$145/$145/$145	G
Lodgepole pine	$140/$140/$140	F/P	$155/$145/$180	G/F	$154/$140/$165	G/F	$170/$165/$185	G
Douglas-fir	$137/$130/$140	G/P	$154/$135/$180	G/F	$156/$145/$175	G/P	$168/$165/$175	G
Western larch			$151/$135/$160	G/P	$156/$145/$175	F/P		
Engelmann spruce	$175/$175/$175	F	$154/$135/$170	G	$169/$160/$175	G/F	$169/$163/$180	G
Subalpine fir			$145/$140/$150	G/P	$146/$140/$155	F/P	$167/$160/$175	G
Grand fir			$144/$135/$160	G/P	$148/$140/$155	F/P		
Western red cedar			$192/$140/$275	G	$180/$180/$180	F		
Hemlock			$143/$135/$150	G/P	$130/$130/$130	P		
White pine			$236/$185/$300	G/F	$290/$290/$290	G		

VENEER LOGS Scribner Dec C MBF	STATEWIDE REPORT	
Species	Avg. Low High	Demand next 60 days*
Douglas-fir	$167/$160/$170	G
Ponderosa pine (bull)	$155/$155/$155	G
Western larch	$167/$160/$170	G
Engelmann spruce	$165/$160/$170	G

* Demand next 60 days

G = Good
F = Fair
P = Poor

MONTANA SPECIALTY PRODUCT

LOG PRICE REPORT

MARCH-APRIL 1988

The following information is a summary breakdown of recent past (highest and average) prices reportedly paid by primary wood processors for logs to be used in the manufacture of specialty wood products. These prices are not necessarily a reflection of current market prices. Fair market prices may vary a great deal based on log quality, contract size and terms, distance to market, green vs. dry logs, and a number of other factors. All information reported is recent average price per piece (log) delivered to the mill site, unless otherwise noted. Please contact buyers before cutting logs to obtain their detailed specifications (log length & diameter). Species other than those listed may be in demand.

Prices provided for this report by individual firms are treated as confidential disclosure of the firm's operations. Any requests for mill-specific data which have been provided for this report will be denied.

RAILS (Lodgepole pine only)

Prices are recorded as the highest reported price over the average reported price.

D.I.B.* small end (in.)	Length (feet)					
	<10	10	12	16	18	20
2.5-3.0	.40 .40	.55 .52	.70 .65	1.31 1.28		
3.0-3.5	.80 .60	1.00 .66	1.20 .86	1.60 1.39	1.80 1.80	2.00 1.80
3.5-4.0	.80 .58	1.00 .71	1.40 .97	1.60 1.39	1.90 1.70	2.00 1.80
4.0-4.5		1.10 1.10	1.30 1.00	1.75 1.49		
4.5-5.0	.96 .96	1.20 1.20	1.44 1.07	1.92 1.47	2.16 2.16	2.40 2.40

*Diameter inside bark.

Demand next 120 days: good, fair, poor

↑

POSTS (Lodgepole pine only)

Prices are recorded as the highest reported price over the average reported price.

D.I.B.* small end (in.)	Length (feet)		
	6.5	7.0	8.0
3.0	.45 .42		
3.5	.45 .42	.45 .45	
4.0	.62 .53	.65 .65	
4.5	.62 .56	.75 .60	.80 .80
5.0	.62 .57	.75 .70	1.00 .90
5.5	.62 .57	.75 .70	1.00 .96
6.0	.65 .59	1.20 .87	1.30 1.07
8.0	.60 .60		1.95 1.39

*Diameter inside bark.

Demand next 120 days:

good, fair, poor

↑

POLES (Lodgepole pine and western larch only)

Prices are recorded as the highest reported price over the average reported price.

Top D.I.B.* (in.)	Length (feet)					
	10	16	20	25	30	35->40
3.0	.85 .85	1.55 1.55	1.90 1.90			
5.0-5.5	2.00 2.00	3.00 2.80	5.00 5.00	7.00 7.00	10.00 10.00	No prices reported
6.0-6.5		2.60 2.60				
7.0	2.75 2.75	4.00 3.95	6.50 6.50	8.50 8.50	12.00 12.00	
8.0		7.00 5.50			14.00 14.00	

*Diameter inside bark.

Demand next 120 days: good, fair, poor

↑

HOUSE LOGS

Prices are recorded as the highest reported price followed by the average reported price (H/A).

Species*	Top diam. (in.)	Length (feet)		
		< 16	16-35	> 35
LPP	8	7.00/7.00	None reported	
	9-12	8.00/8.00		32.00/32.00
	13+	9.00/9.00		32.00/32.00
ES	8	6.00/6.00		
	9-12	7.00/7.00		
	13+	8.00/8.00		

*LPP = lodgepole pine; ES = Engelmann spruce. Most buyers purchase only rot-free, standing trees with a minimum of spiraling.

Demand next 120 days: good, fair, poor

↑

DEPARTMENT OF STATE LANDS TIMBER SALES

Sunset Mountain Timber Sale:

Sealed bids will be received by the Administrator, Department of State Lands, Forestry Division, 2705 Spurgin Road, Missoula, Montana up to 2:00 p.m., April 27, 1988, for the merchantable sawtimber designated for cutting on Section 36, T16N-R6W, estimated to contain 269 MBF Douglas-fir, 354 MBF ponderosa pine, 346 MBF lodgepole pine, and 1 MBF dry sawlogs.

Full particulars regarding the terms of the contract, bid forms and regulations governing the sale may be obtained from the Forestry Division in Missoula, Montana, or the Central Land Office, 8001 North Montana Avenue, Helena, Montana, phone (406) 444-3633.

Miner Creek Timber Sale:

Sealed bids will be received by the Administrator, Department of State Lands, Forestry Division, 2705 Spurgin Road, Missoula, Montana up to 3:00 p.m., April 27, 1988, for the merchantable sawtimber designated for cutting on Section 36, T5S-R16W, estimated to contain 88 MBF Douglas-fir, 881 MBF lodgepole pine, and 1 MBF dry sawlogs.

Full particulars regarding the terms of the contract, bid forms and regulations governing the sale may be obtained from the Forestry Division in Missoula, Montana, the Central Land Office, 8001 North Montana Avenue, Helena, Montana, phone (406) 444-3633, or the Bozeman Unit Office, phone (406) 586-5243.

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FORESTRY CONTRACTORS WORKSHOP

The Missoula Vocational Technical Center will be sponsoring a workshop for small businesses who are considering contract forestry (thinning, planting and/or cruising timber). The workshop will examine the legal aspects of starting a small business and the variables involved in developing a sound bid. U.S. Forest Service and industry representatives will be available to discuss legal terminology, and performance requirements.

The meetings will be held at 7:00-10:00 p.m., April 12, 14, 19, and 26, 1988, at the Missoula Vocational Technical Center, 909 South Avenue West. The fee for the conference is $35.00. For more information phone 1-800-542-6882.

MEETINGS

Intermountain District Log Scaling Society Meeting, April 14-15, 1988, Cavannaughs Motor Inn, Kalispell, Montana. For more information contact: Bud Hall, F.H. Stoltze Land & Lumber Company, Box 415, Darby, Montana 59829.

24th Annual Intermountain Saw Filers' Conference, March 26, 1988, Spokane, Washington. Topics: Swage Sharpeners, Alignment of Horizontal Resaws and Stelite Sawing. To register send $25.00 to Larry Gleason, 2203 Round Butte Road West, Ronan, Montana 59864. For more information contact: Missoula Saws, phone (406) 721-2580.

The 43rd Annual Northwest Wood Products Clinic, May 16-18, 1988, Spokane, Washington. Topics: New Products and Innovations, Maintenance Technical Sessions, Mill Operations, plus presentations on Marketing, Residue Utilization Gizmos and Gimmicks, and Employee Drug and Alcohol presentations. The Clinic is designed to benefit supervisors, plant superintendents, production engineers, and middle to top management personnel. For more information contact: Conferences & Institutes, Washington State University, Pullman, Washington 99164-5220, phone (509) 335-7225.

Forest Products Utilization and Marketing for Forest Land Managers, March 23-25, 1988. Washington State University, Pullman, Washington. This short course will examine current and future considerations in the utilization and marketing of wood products. For additional information contact: Robert Govett, phone (208) 885-6700, or Keith Blatner, phone (509) 335-1992.

Densified Wood Fuel (wood pellets): Manufacturing, Marketing and Use, Moscow, Idaho, contact: Robert Govett, phone (208) 883-0691.

EQUIPMENT FOR SALE

For sale: Complete planing mill (with piping, cyclone, motors) American Yates 77 A (precision ball bearing) 20" multi saw trimmer and sorting table, numerous cutting heads for T&G and shiplap - 2" and 4" profile for making T&G house logs & 2" x 6" log siding. Contact: Ron Buck, Deer Lodge Wood Products, 802 College, Deer Lodge, Montana 59722, phone (406) 846-3009 evenings.

For sale or trade: Mobile Dimension Volkswagen sawmill on trailer with hydraulic dogs $7,500; All steel mill with 4 head blocks, portable $4,500; John Deere 544 needs engine fixed $5,500; 2 HD56 loaders need work $2,500 ea; 1-HD5 with winch $3,500; HD11 dozer and winch needs trans. work $5,500; 22B crane needs travel gears upper cat 4600 engine $3,000; 1 grader 440 Wabco 1968 model, 4-71 engine 1500 hrs. $6,500; Mountain Logger Skidder ger. 19 winch, 353 engine $6,500; New roller chainlink belt 200 ft. #100 2 strand, $10 per ft.; 2 stationary air compressors approx. 150 cfm $1,000 and $1,500; 2 Lincoln Bullet type welders 500 amp. 440 volt $350 ea.; Contact: Gene Bruce Logging, Milling & Salvage, Route 85 Box 4054, Livingston, Montana 59047, phone (406) 222-7712.

Three bucksaws, 72" diameter-3Ga - 0.272 kerf; 60 tooth - carbide - .447 kerf, 2 1/2" eye; two 1" double pin holes On 9" center; Contact: Wyoming Sawmills, Inc., P.O. Box 6088, Sheridan, Wyoming 82801, phone (307) 672-3051.

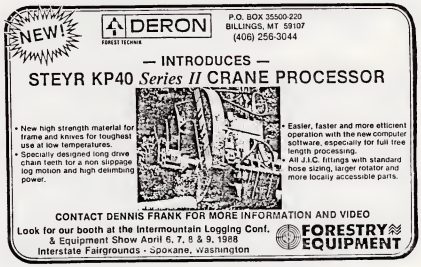
One - Cornell Hydraulic Auxiliary Slab Saw: model GSHL 635-5-85 left hand 10' infeed trough, complete, less power, like new condition; 1 - 60" style B inserted tooth sawblade, 7/8 gauge, 42 teeth, reasonable. Contact: Eberhardt Company Inc., P.O. Box 160, Buffalo, Wyoming 82834, phone 1-800-423-1201.

Mobile dimension sawmill 1835cc engine, electric lift hydraulic dogs, phone (406) 756-6580.

1975 Int. 4300, SC400, 5+4, 16 front, 44 rears, with prentice 110 self loader, hop on system and trailer. Contact: Maggard Enterprises Inc., 3913 Linney Road, Bozeman, Montana 59715, phone (406) 388-4405.

Want to buy used brush blade for HD6E, reasonable. Contact: Jahnke Posts, Avon, Montana 59713, phone (406) 492-7657.

For sale: Dozer D6 with 12' angle blade, high-speed logging winch, $6,400; jammer with double drums, $1,100; Four loader tires and wheels, 1600 x 25, $190 each; 25 hp water pump, 220/440 volt, $500; Armstrong gangsaw sharpener, model no. 21, $500; Soderham chip screen system, 5½' x 6½', $1,100; Cyclone 12' diameter x 28' long, $1,150; louvered air vents and dampers (new), all sizes from 6" x 6" to 48" x 48"; electric panel boards and magnetic starters, to size #5; clean (dairy-type) tank (18,000 gallons) and rubber-lined tank (10,000 gallons). Sell or trade. Contact: Larry Watters, P.O. Box 666, Thompson Falls, Montana 59873, phone (406) 827-3595.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FORESTRY EQUIPMENT

PRODUCTS FOR SALE OR WANTED

Cedar for sale: will custom cut to your specifications. Also we are always looking for cedar sawlogs and private timber sales which may have cedar on them. Call Tom at Cedar Products of Kalispell, 1369 Hwy 2 East, Kalispell, Montana 59901, phone (406) 752-6688.

Northern white cedar shakes, 18" long-½"-5/8" thick, $52/66 a square. Four bundles per square. One square covers approximately 100 square feet with an 8½" exposure. Also available cedar excelsior. If you have any questions, please phone or write Donald Hauner, Box 438, Littlefork, Minnesota 56653, phone (218) 278-4115, ask for Don or Pam Hauner.

¼" to 2-¼" dia. x 16 ft. lg. or larger dowels available in lengths up to 10 feet long. Balls, bases, blocks, electronic parts, handles knobs moldings, plugs, reels, rollers, shaping, spools, toy parts, wedges and wheels. Available in plain, dip spray or tumble finishes. We treat for outside use. Also, Cooper's and Food Processor supplies. Many other wood products to customer specifications. Contact: Ed Koelbl, American Wood Working Company, P.O. Box 335, Montello, Wisconsin 53949, phone (608) 297-2131.

Firewood for sale: log truck loads of green small diameter Douglas-fir firewood. Excellent for next years burning season, phone (406) 273-0180.

If you wish to advertise a forest product or a piece of wood-processing machinery in this bulletin complete the form below. No charge is made for this service. If you wish to rerun an item, a written request must be submitted before the next issue.

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